Firefox OS

Welcome to the future of mobile

And to the world of Firefox OS. On this site, you'll find everything you need to customize or build your own version of our groundbreaking mobile operating system and to use the Firefox OS brand on a phone or tablet. Get started below.

Learn

Explore Firefox OS and the Firefox Marketplace. Get localization support, roadmaps and a complete, detailed list of every feature.

Learn more »

Build

Create and customize your own version of Firefox OS. Learn more about hardware requirements, supported chipsets, and how to contribute back to the community.

Learn more »

Brand

Take your product to market. Get access and support to the essential licenses and Firefox OS brand assets you'll need, quickly and easily.
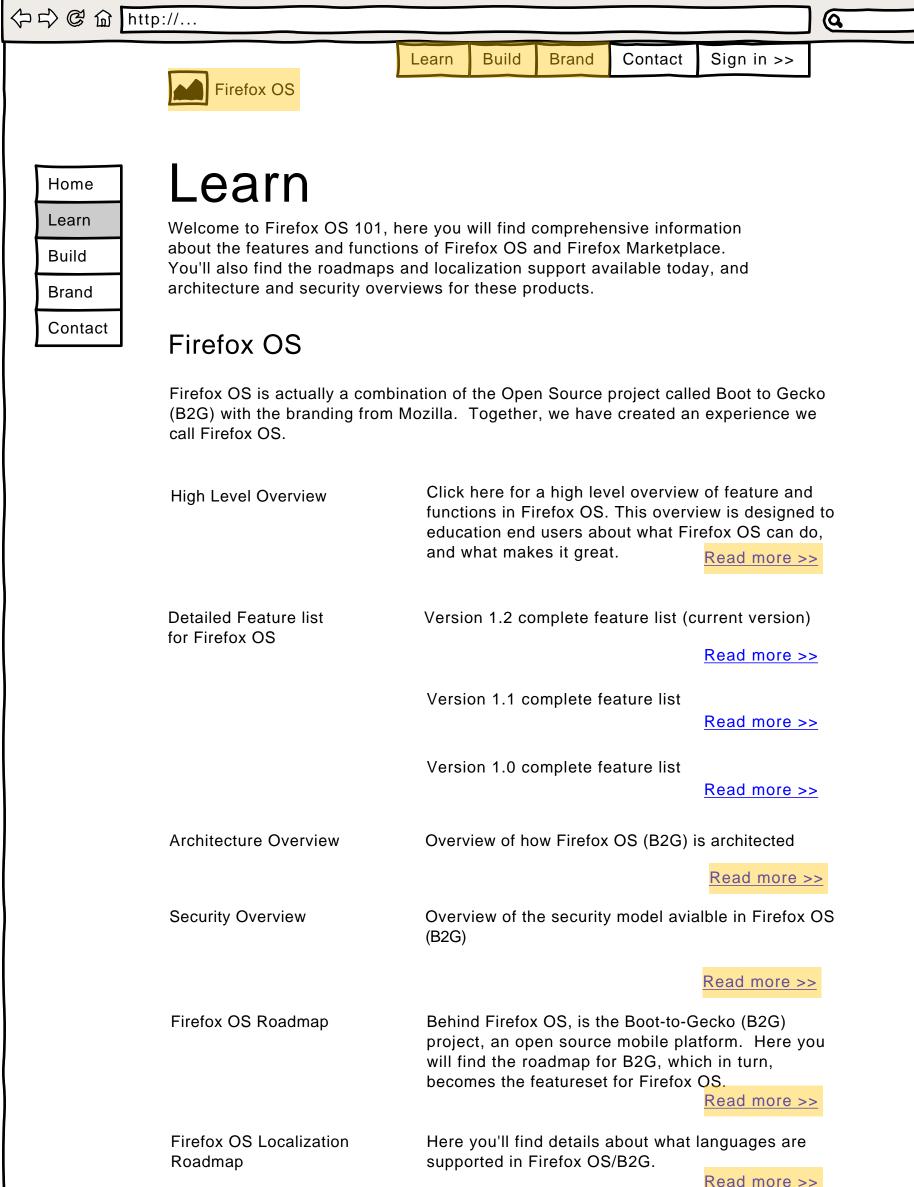
Learn more »

Contact Us
Partner with Us
Donate
Privacy Policy
Legal Notices
Report Trademark Abuse

Mozilla on Twitter
Firefox on Twitter
Mozilla on Facebook
Firefox on Facebook
Firefox Affiliates

Firefox OS

Learn

Welcome to Firefox OS 101, here you will find comprehensive information about the features and functions of Firefox OS and Firefox Marketplace. You'll also find the roadmaps and localization support available today, and architecture and security overviews for these products.

Firefox OS

Firefox OS is actually a combination of the Open Source project called Boot to Gecko (B2G) with the branding from Mozilla. Together, we have created an experience we call Firefox OS.

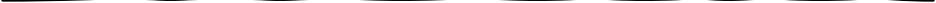|	
High Level Overview	Click here for a high level overview of feature and functions in Firefox OS. This overview is designed to education end users about what Firefox OS can do, and what makes it great. Read more >>
Detailed Feature list for Firefox OS	Version 1.2 complete feature list (current version) Read more >>
	Version 1.1 complete feature list Read more >>
	Version 1.0 complete feature list Read more >>
Architecture Overview	Overview of how Firefox OS (B2G) is architected Read more >>
Security Overview	Overview of the security model avialble in Firefox OS (B2G) Read more >>
Firefox OS Roadmap	Behind Firefox OS, is the Boot-to-Gecko (B2G) project, an open source mobile platform. Here you will find the roadmap for B2G, which in turn, becomes the featureset for Firefox OS. Read more >>
Firefox OS Localization Roadmap	Here you'll find details about what languages are supported in Firefox OS/B2G. Read more >>
How to contribute to Firefox OS and B2G	Don't see a feature you need, or looking to add a language we don't support today? You should consider contributing back to the Open Source project behind Firefox OS. Read more >>

Firefox Marketplace

Firefox Markeplace is a store of applications made avaialble on Firefox OS devices. The software and tools behind Firefox Marketplace are open and available for anyone to run. Firefox Marketplace itself is owned and operated by Mozilla, and is an option for those wishing to include a robust application download experience.

High Level Overview	Click here for a high level overview of feature and functions in Firefox Marketplace. This overview is designed to education end users about what Firefox Markeplace offers, and what makes it great. Read more >>
Detailed Features and Roadmap	Here you will find details on our Marketplace roadmap, localization support, payment integration, and customization Read more >>
App Review Process	Find out about how we review applications submitted to Firefox Marketplace Read more >>
App Submission Process	Learn more about how to submit your own application to Firefox Markeplace Read more >>
How to contibute to Marketplace	Would like to see a feature in Marketplace that doesn't exist already? Find out how to code it yourself and give back to the Open Source project. Read more >>

In Market Devices

We are launching devices globally. Check out what other OEM's are currently offering.

Read more >>

Firefox OS

Build

Here you will find all the technical documentation and resources to properly build your hardware and version of Firefox OS to run on it.

How Firefox OS is developed

Check out the release schedule and process for how Firefox OS is developed from B2G.

Read more >>

Firefox OS Hardware Requirements

Below are the minimum requirements for a Firefox OS device. You'll notice these are more strict that B2G. We at Mozilla believe this is the necessary minimum for a great experience with Firefox OS and Firefox Marketplace applications.

Hardware	Minimum Requirement
CPU	1GHz, single-core, equivilant to ARM Cortex A7 processor
Storage	General purpose Device: Minimum 512 on-board Mobile phone: total storage 4GB, minimum on-board 512MB
System RAM	128MB
Visual Display (optional)	262K color,HVGA (480x320) capacitive multi-touch display (minimum two points)
GPU	WebGL-capable GPU capable of rendering H.264 video at 30FPS
Hardware Buttons	Home Power Volume Up Volume Down Back,Menu, and Search hardware buttons may NOT be present on a Firefox OS Co-Branded Device

B2G Hardware Requirements

Here are the minimum B2G device specifications.

Read more >>

Chipsets Supported

Manufacturer	Versions supported
Qualcomm	8210,8215,8915,71xx
Intel	1234,9898,9876

Screens and Resolutions

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

NFC Specs

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

GPS/AGPS

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

Source Code, Building and Debugging

Build Overview

Here is an overview of how to build B2G, the Open Source operating system behind Firefox OS.

Read more >>

Building and Installing Firefox OS (B2G)

How to download and build Firefox OS (B2G) in your development envionment

Read more >>

Debugging Firefox OS (B2G)

All you need to know about debugging Firefox OS (B2G) in your development environment.

Read more >>

Automated Testing

Here's information on how to do automated testing of Firefox OS on hardware.
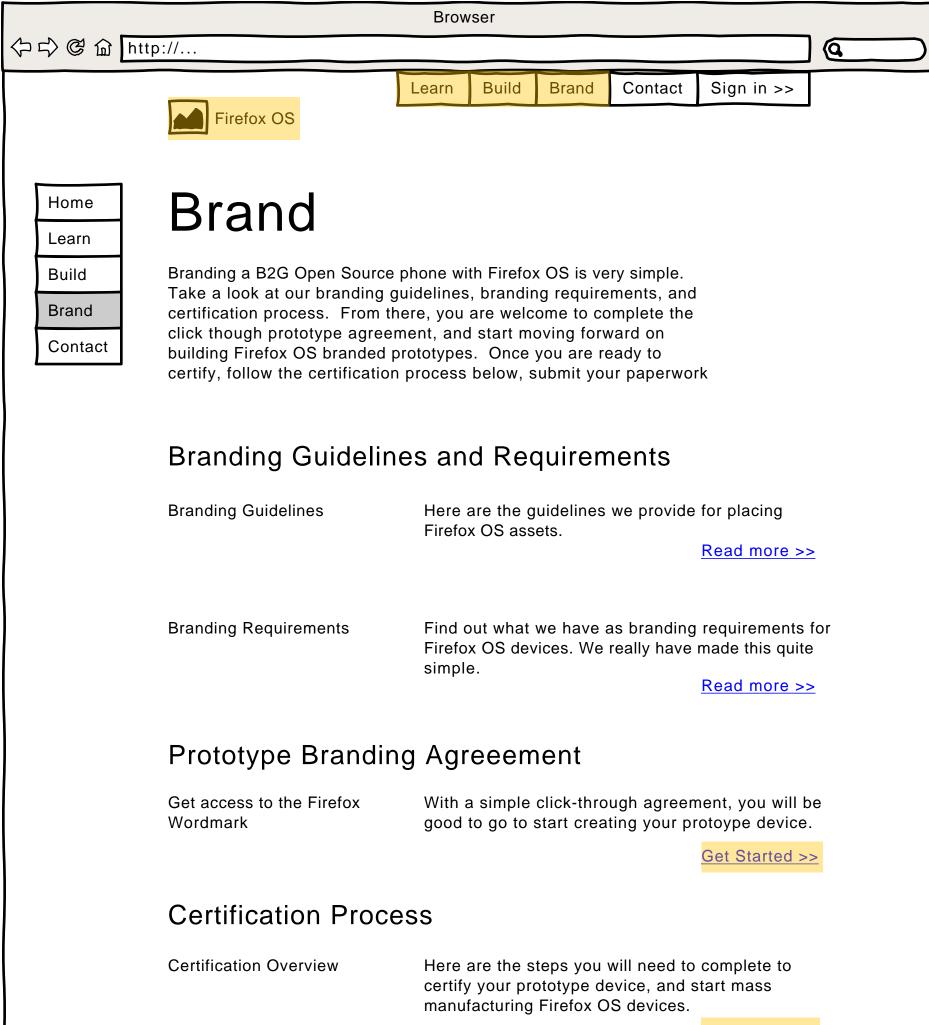
Read more >>

Requesting and Adding New Features

Bugzilla

Here you will find information on how to get a Bugzilla account and start contributing features and bugs to the B2G project

Read more >>

Bugzilla New Feature Request

Here's a template for submitting a new feature request to Bugzilla

Read more >>

Custom Module and Application Development

Find out more about how to create new functionality in Firefox OS (B2G) as well as creating applications to run on Firefox OS.

Read more >>

Support and contacts

Support

Here's where you will find resources to answer questions you might have, or problems you have run into.

Read more >>

Contact Mozilla

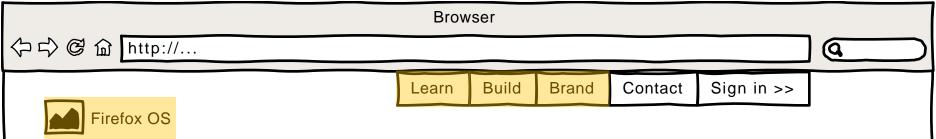Have a question that isn't answered in these links and resources, then contact us directly

Read more >>

http://...

Firefox OS

Home
Learn
Build
Brand
Contact

Brand

Branding a B2G Open Source phone with Firefox OS is very simple. Take a look at our branding guidelines, branding requirements, and certification process. From there, you are welcome to complete the click though prototype agreement, and start moving forward on building Firefox OS branded prototypes. Once you are ready to certify, follow the certification process below, submit your paperwork

Branding Guidelines and Requirements

Branding Guidelines

Here are the guidelines we provide for placing Firefox OS assets.

Read more >>

Branding Requirements

Find out what we have as branding requirements for Firefox OS devices. We really have made this quite simple.

Read more >>

Prototype Branding Agreeement

Get access to the Firefox Wordmark

With a simple click-through agreement, you will be good to go to start creating your protoype device.

Get Started >>

Certification Process

Certification Overview

Here are the steps you will need to complete to certify your prototype device, and start mass manufacturing Firefox OS devices.

Read more >>

Certify your device

Follow these steps to get your prototype device certified and licensed for distribution.

Certify >>

Go to Market

Training and sales support

For information on training sales people or resources for selling you device, check out the Firefox OS go to market portal.

Read more >>

Co-Marketing

We are always looking for opportunities to partner on marketing efforts. Depending on your target market and volume of devices, we can leverage Mozilla community and other resources to help make a larger, more effective impact.

To start the process, please send us an email at firefoxosmarketing@mozilla.com with an idea of what you'd like to accomplish. We'll acknowledge your mail within 24 hours and get back to you with a response within 48 hours. From there, if applicable, we'll send you additional assets to get you started, have a conversation with you about your requirements, and work with you on ideas for how we can help.

We want you to benefit from the marketing relationship with Mozilla and Firefox OS, and to demonstrate that Firefox OS really is the most exciting new platform in the Mobile industry.

http://...

Firefox OS

Partner with us

As a brand, Firefox is a global leader in web recognition, trust and security. By partnering with us, you too can benifit from these great attributes.

We've made it very easy and straight forward to take the Open Source B2G operating system, and brand it "Firefox OS". Register below and and build a Firefox OS phone.

Register >>

http://...

Firefox OS

Register

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
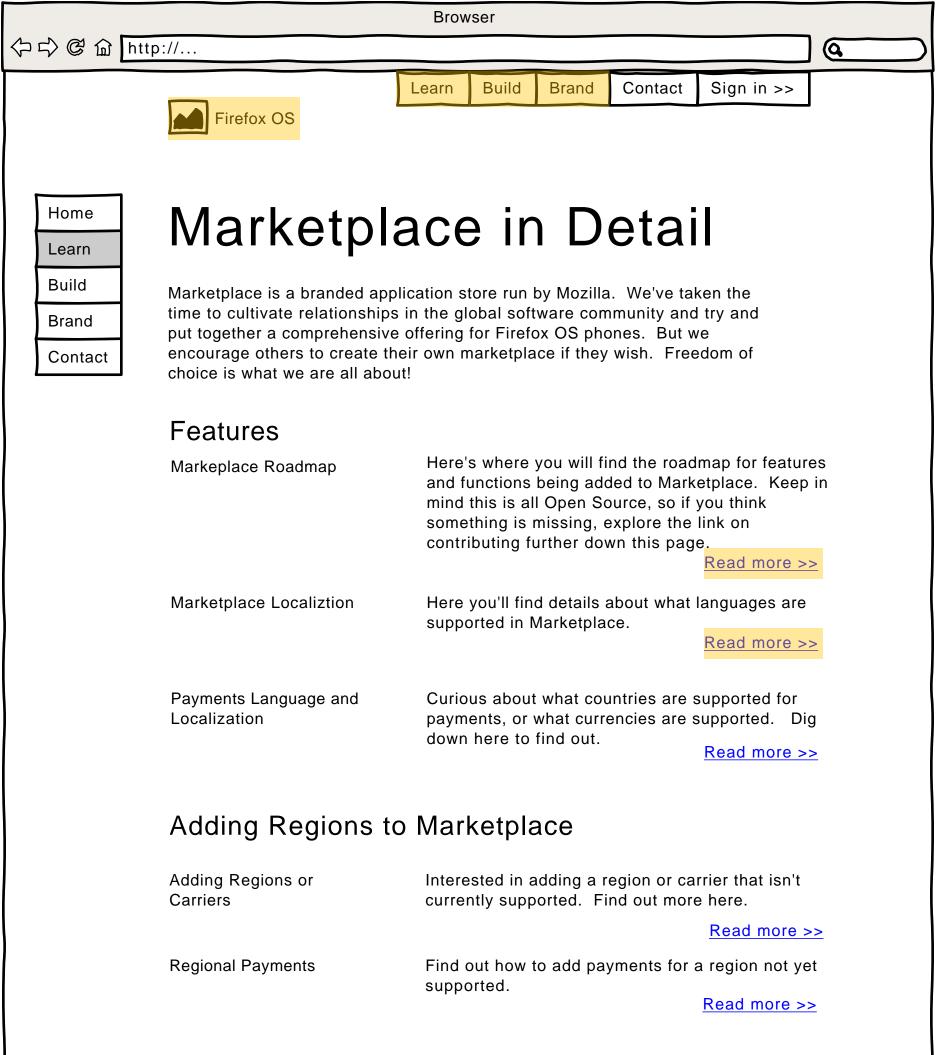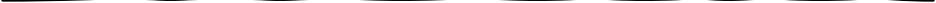
Text field

Text field

Text field

Text field

/ /

Submit

Firefox OS

Marketplace in Detail

Marketplace is a branded application store run by Mozilla. We've taken the time to cultivate relationships in the global software community and try and put together a comprehensive offering for Firefox OS phones. But we encourage others to create their own marketplace if they wish. Freedom of choice is what we are all about!

Features

Markeplace Roadmap

Here's where you will find the roadmap for features and functions being added to Marketplace. Keep in mind this is all Open Source, so if you think something is missing, explore the link on contributing further down this page.

Read more >>

Marketplace Localiztion

Here you'll find details about what languages are supported in Marketplace.

Read more >>

Payments Language and Localization

Curious about what countries are supported for payments, or what currencies are supported.   Dig down here to find out.

Read more >>

Adding Regions to Marketplace

Adding Regions or Carriers

Interested in adding a region or carrier that isn't currently supported. Find out more here.

Read more >>

Regional Payments

Find out how to add payments for a region not yet supported.

Read more >>

How to contribute to Firefox OS and B2G

Don't see a feature you need, or looking to add a language we don't support today? You should consider contributing back to the Open Source project behind Firefox OS.

Read more >>

http://...

Firefox OS

Home
Learn
Build
Brand
Contact

Devices In Market

| Alcatel | ZTE | LG | Geeksphone |

This might be integrated into left nav, or remain here. Just a quick way to jump down to a Manufacturer.

Alcatel

One Touch Fire

Marketing from TCL on what this device has to offer. Marketing from TCL on what this device has to offer.Marketing from TCL on what this device has to offer.
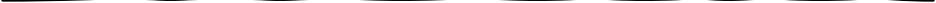
Read more >>

Two Touch Fire

Marketing from TCL on what this device has to offer. Marketing from TCL on what this device has to offer.Marketing from TCL on what this device has to offer.

Read more >>

ZTE

ZTE Open Web

Marketing from ZTE on what this device has to offer. Marketing from ZTE on what this device has to offer.Marketing from ZTE on what this device has to offer.

Read more >>

http://...

Learn | Build | Brand | Contact | Sign in >>

Firefox OS

Home

Learn

Build

Brand

Contact

Download

Prototype Toolkit   Download the Firefox OS workmark

Download >>

http://...

Firefox OS

- Home
- Learn
- Build
- Brand
- Contact

Prototype Agreement

By agreeing to these terms, you'll be given immediate access to the Firefox wordmark so you can start creating your Prototype devices.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

[Agree] [Cancel]   [🖶 Print]

http://...

Firefox OS

- Home
- Learn
- Build
- Brand
- Contact

Certification Overview

Review

Firefox OS Features	Review the features and functions of Firefox OS (B2G)
	Review >>
Hardware Requirements	Make sure you understand the hardware requirements for Firefox OS vs B2G. Hint: They are higher for Firefox OS
	Get Started >>
Branding Guidelines	Read throught the guidelines for placing brand assets on your hardware.
	Get Started >>
Branding Requirements	Make sure you understand the requirements for using the Firefox OS Brand.
	Get Started >>

Download and Build

B2G source code	Download the source code behind Firefox OS
	Get Started >>
Google OID	Download your Google OID
	Get Started >>
Get access to the Firefox Wordmark	With a simple click-through agreement, you will be good to go to start creating your protoype device.
	Get Started >>

Run certification tests

In the near future, we will be providing a Certification Review Board for streamlining the certification of devices. Until this service is up and avaialble, we have provided a manual process for certification.

Certify your device	Follow these steps to get your prototype device certified and licensed for distribution.
	Certify >>

Submit Results

Sign Distribution Agreeement	Once you have created your device, and are ready to submit for certification, you will need to sign a distribution agreement as part of the final release for distributing.
	Agreement >>
Submit your results	Send a copy of your test results, along with a signed copy of the Distribution Agreement and a sample of device as well as packaging to:
	Device Certitification C/O Mozilla Taipei 123 Some st. Taipei, China

`http://...`

Firefox OS

Certify your device

Download

Self-Certification Checklist

Complete the self-certification checklist.

[Download >>]

Distribution Agreement

Sign the distribution agreement and include it in your certification package.

[Download >>]

Submit for Certification

Submit the following to become certified.

1. Completed test results and checklist
2. Signed Distribution Agreement
3. Sample device with sample packaging

Package together and mail to:

Device Certitification
C/O Mozilla Taipei
123 Some st.
Taipei, China
 PH: 999-999-9999-999